

7 OC
W2
A2
9 F6m
1541745

DOCUMENT SECTION

5
5

PROGRESS REPORT * SECTION

MEDICAL

CLASSIFICATION CHANGED

TO Restricted

Section

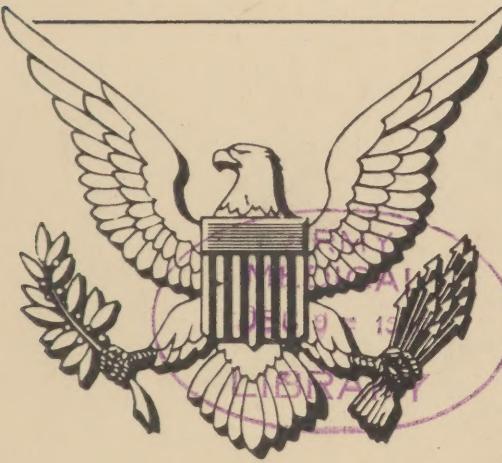
AUTH. AFAC inc 323 A 7 25 45

DATE 16/11/48

Security Officer

Playboy 18

SECRET



File
in
Section

UNITED STATES ARMY
SERVICE OF SUPPLY
S.W.P.A.

★

31, JAN. 45

REPRODUCED BY 360TH LIBRARY

SECRET

UNITED STATES ARMY
SERVICES OF SUPPLY
S.W.P.A.

Progress Report - Section 5

"HEALTH"

Table of Contents

	<u>Page No.</u>
Index	1
General Comments	2
Leading Causes of Non-effectiveness	3
Admissions to Sick Report	4
Deaths by Causes	5
Relative Importance of Certain Diseases & Non-battle Injuries	6
Medical Evacuation Chart	7
Medical Evacuations by Cause	8
Hospital Bed Status	9
Dental Infection and Injury Admissions	10
Fractured Jaw Rates	10
Cellulitis Rates	10

Notes and Definitions

Abbreviations:

WIA - Wounded in action
IIA - Injured in action
N-B Injury - Non-battle injury
FUO - Fevers of undetermined origin

Annual Rates per thousand: Rates in the form of "annual rates per thousand men" are conventionally used in medical statistics and reporting. They serve the purpose of basing observations on a common time-period. Most annual rates in this report are based on observation of a month-long period; such rates can be converted to rough percentages for the month by dividing them by 120.

Crude Death Rates:

This term applies to deaths from all causes among the entire army in the theater, as distinct from death rates specific for cause, age, risk, and so on.

SECRET

SECRET

HEALTH OF U. S. ARMY TROOPS IN SWPA

January 1945

1. NON-EFFECTIVENESS

The estimated non-effective rate of 3.9% for January 1945 shows an increase over the corrected rate for December 1944.

2. ADMISSION TO SICK REPORT

The admission rate to sick report for December increased over that of November as predicted. The rates for non-battle injury, diarrheal diseases, respiratory diseases, malaria and dengue increased slightly. The corrected rate for respiratory diseases for November increased over October, contrary to the prediction based on estimated November rates. Incomplete returns for January 1945 indicate that the admissions for the SWPA will be somewhat higher.

3. DEATHS

The crude death rate for the theater showed a marked increase during December due chiefly to those killed in action and those dying of battle wounds. The death rate for non-battle injury increased. Table on page 6 is presented for the purpose of showing the change in relative importance from year to year of the causes of death, excluding killed in action and died of wounds. It will be noted that there has been a marked decrease in comparative importance of plane crashes as a cause of death. This is reflected in the similar decline of all injuries. The relative importance of disease, accidental drowning and accidents by firearms has increased.

4. EVACUATIONS

The evacuation rate for December increased more than 100% over November. The markedly increased evacuation rate for neuropsychiatric diseases merely reflects the general increase in evacuations. There were 968 air evacuations to the United States during the month of December.

5. HOSPITAL BEDS

There was an increase in fixed beds available of 6221 in the theater due to the completion of construction. The percentage of T/O beds occupied in the bases was 75.7% against 74.7% for December. There were 7842 vacant beds in the bases as of 3 February 1945 of which 4250 beds were under orders to Luzon.

6. DENTAL:

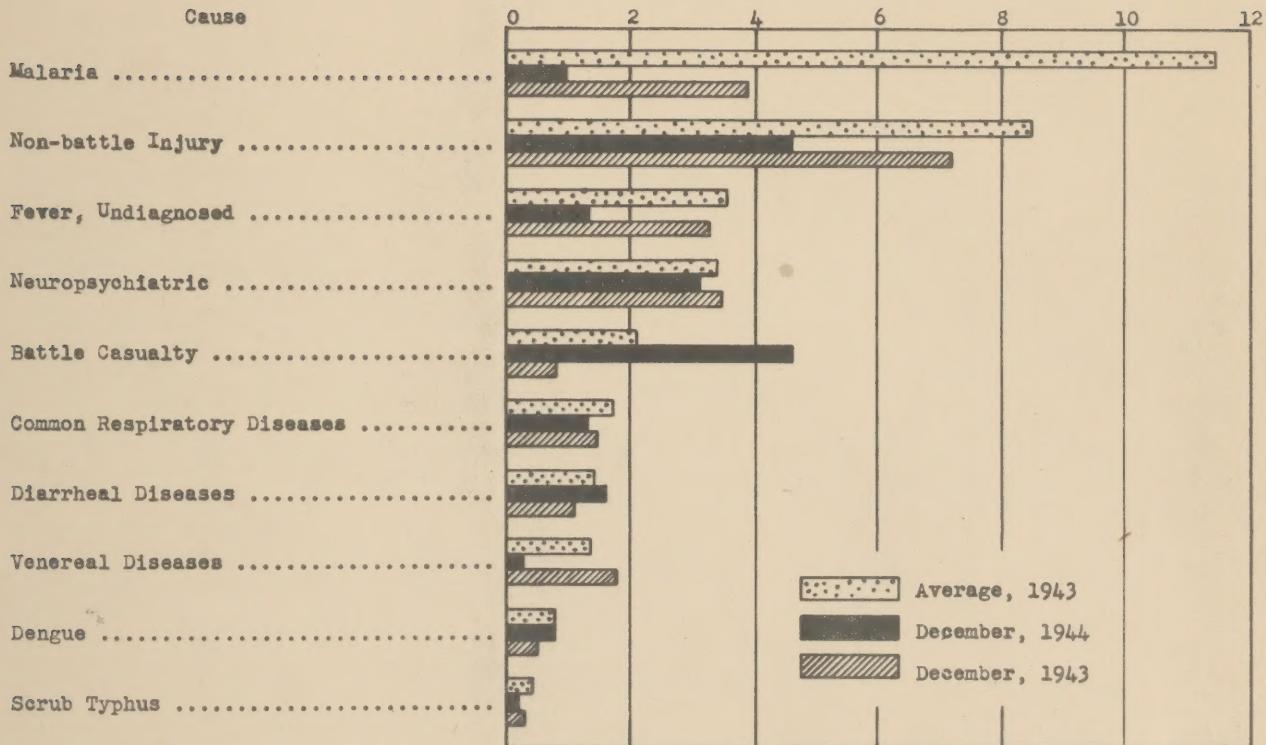
In the SWPA it has often been shown that as the troops moved to New Guinea and other forward Island Bases, the rate of incidence of stomatitis, Vincent's has decreased, which is confirmed by the inclosed chart. The attack rate for this disease is higher in areas where troops are in relative close contact with the civilian population. There is little relation between the frequency of this disease and combat. It is noted from reports coming from the Philippine Islands that admissions for stomatitis, Vincent's are increasing as troops return to civilized areas again. The rate of jaw fractures in this theater has remained amazingly low, as noted in attached chart. Due to the increased use of artillery in the Philippine Islands, face wounds are much greater than was the case in the New Guinea campaigns. Facial cellulitis has declined until the rates are now well below those for troops in the U. S. and overseas.

SECRET

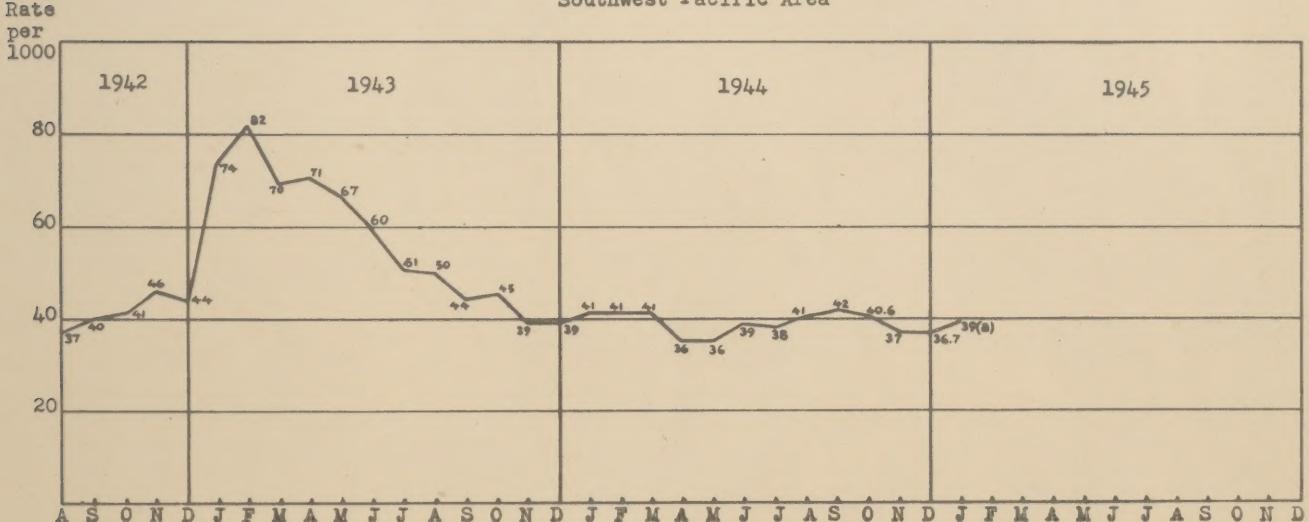
SECRET

LEADING CAUSES OF NONEFFECTIVENESS - DECEMBER, 1944
(Based on Reported Conditions)

Army Personnel Remaining on Sick Report
per Thousand



MEAN DAILY NONEFFECTIVE RATE PER THOUSAND
Southwest Pacific Area



(a) Estimated, in that this rate is based on Abbreviated (Radio-graphic) Weekly Statistical Reports.

SECRET

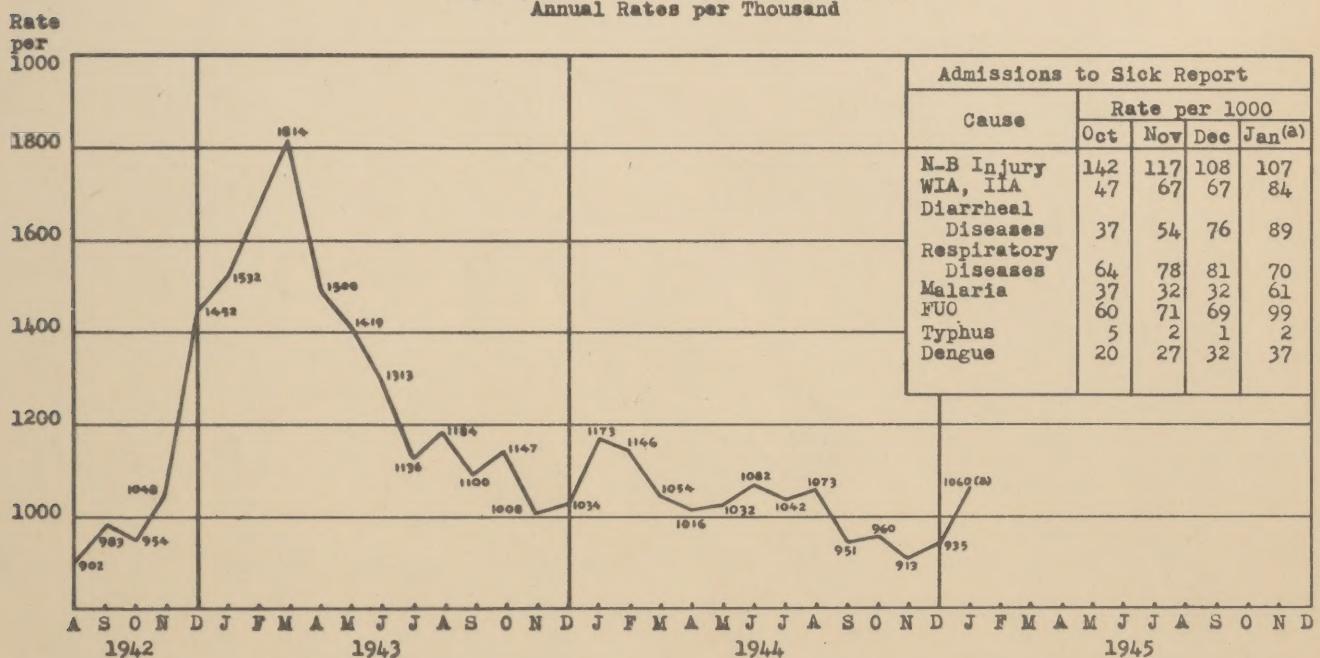
SECRET

ADMISSIONS TO SICK REPORT ALL CAUSES
Rates per Thousand per Annum (a)

Command	1944		1945	Comparative Admission Rates December, Annual Rates per 1000						
	Oct.	Nov.	Dec.	Jan. (a)	300	600	900	1200	1500	1800
SWPA, ALL	960	913	935	1060						
SOS Bases										
Australia	726	715	695	846						
New Guinea	910	912	953	998						
"A"	1206	1000	856	1189						
"B"	725	773	785	840						
"D"	765	755	834	1024						
"E"	895	747	845	760						
"F"	666	837	771	820						
"G"	1187	1151	1412	1256						
"H"	929	737	806	874						
Philippines	-	-	-	1581						

(a) All of the rates above are computed on the basis of consolidated monthly statistical health reports (WDMR 86ab) with the exception of January 1945 which is based on the weekly abbreviated statistical report. Above rates are subject to change upon receipt of late reports.

ADMISSIONS TO SICK REPORT, SWPA
August, 1942 - January, 1945 inclusive
Annual Rates per Thousand



(a) Based on abbreviated radiographic statistical report.
Above rates are subject to change upon receipt of late reports.

SECRET

SECRET**DEATHS BY CAUSES, SWPA**

Total, 1943; Total, 1944; and December 1944

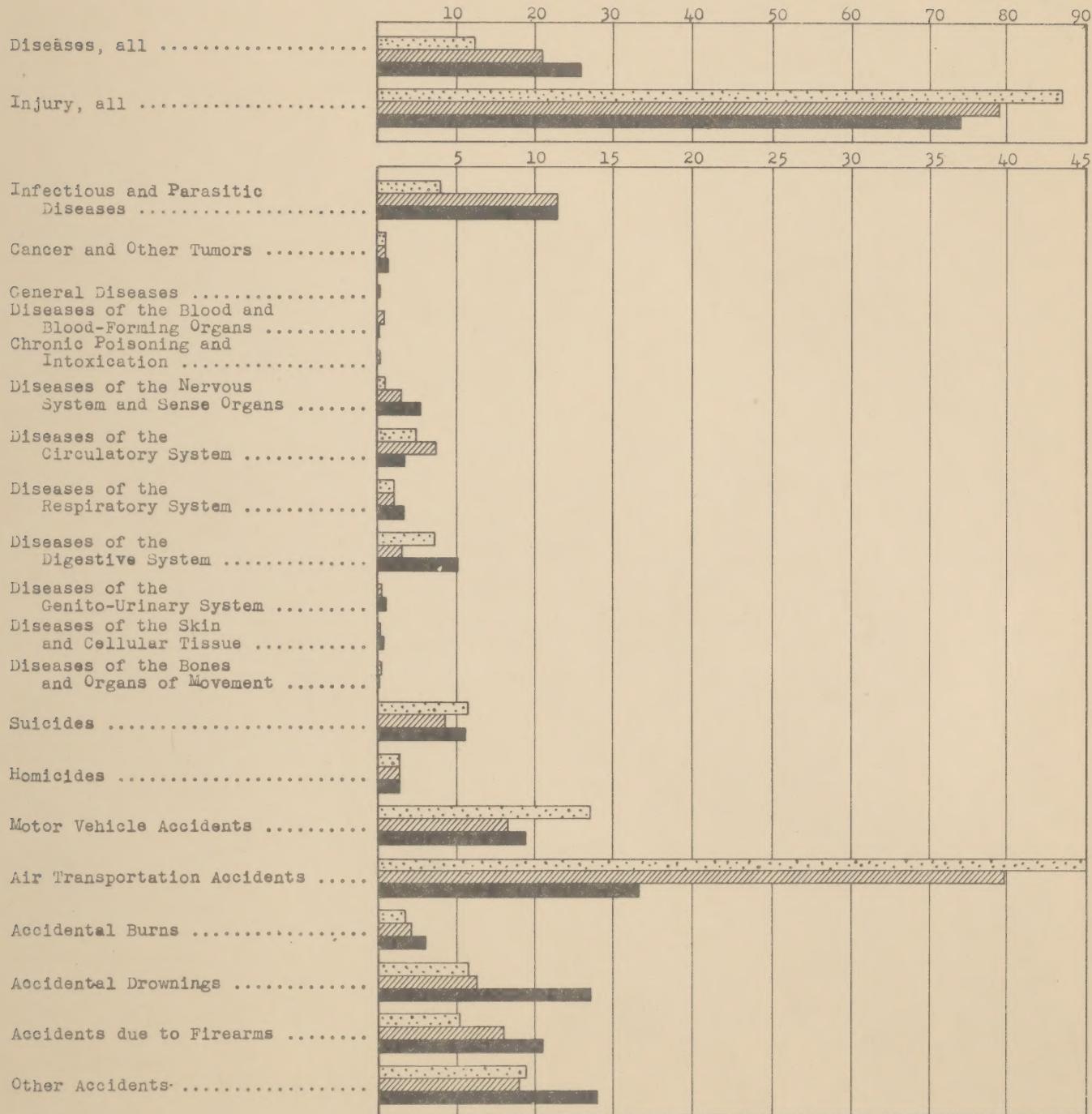
Absolute Numbers and Crude Annual Rates per Thousand*

Cause	1943		1944		December 1944	
	Number	Rate per 1000	Number	Rate per 1000	Number	Rate per 1000
Non-battle injury, all	576	3.010	1487	2.696	185	2.510
Accidents, all	535	2.796	1354	2.455	170	2.306
Railway	12	0.063	4	0.007	1	0.014
Motor Vehicle	64	0.334	199	0.361	30	0.407
Street car	1	0.005	2	0.004		
Water Transportation	4	0.021	15	0.027	2	0.027
Air Transportation	291	1.521	332	0.602	35	0.475
Poisoning	6	0.031	14	0.025	1	0.014
Burns	14	0.073	57	0.103	12	0.163
Drowning	46	0.240	271	0.491	30	0.407
Firearms	58	0.303	208	0.377	14	0.190
Falls or crushing	15	0.078	33	0.060		
Electric currents	4	0.021	14	0.025	2	0.027
Other Accidents	20	0.104	205	0.372	** 43	0.583
Suicides, all	32	0.162	107	0.375	14	0.190
Homicides, all	10	0.052	26	0.047	1	0.014
Diseases, all	154	0.805	512	0.928	68	0.923
Died of Battle Wounds	102	0.533	1223	2.217	377	5.115
Killed in Action	1010	5.278	5627	10.201	1361	18.466
Total Deaths, all causes	1842	9.625	8849	16.042	1991	27.013

* Based on WDMD 86ab, "Statistical Report"; subject to correction on receipt of late information.

** (Falling trees - 3, Explosions - 7, Cutting or Piercing instruments - 3, Excessive heat - 1, Others and unknown - 29.)

SECRET

SECRETRELATIVE IMPORTANCE OF CERTAIN DISEASES AND NON-BATTLE
INJURIES IN SWPA FOR YEARS 1942, 1943, AND 1944
(Death Ratio per 100)

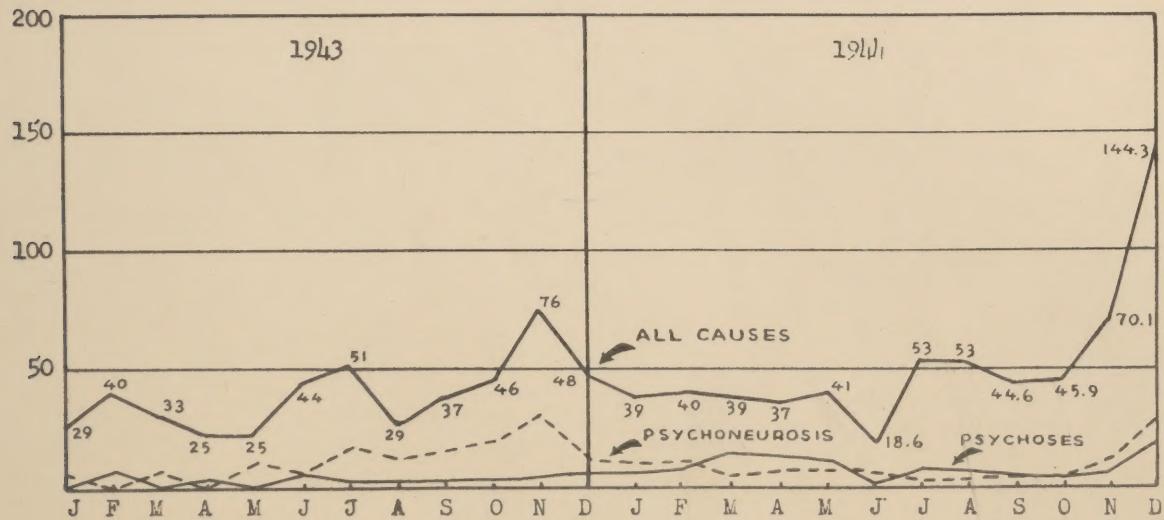
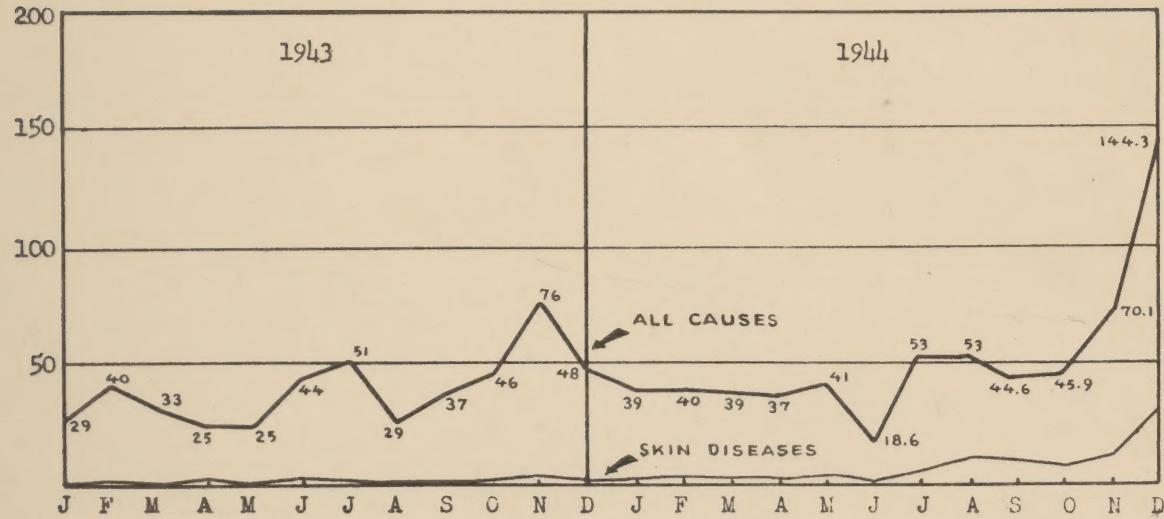
1942
1943
1944

Based on reports of death on file
in Central Med. Rec. Office, Office
of Chief Surgeon, Hq. USASOS.

SECRET

SECRET

MEDICAL EVACUATIONS, SWPA TO UNITED STATES
January, 1943 - December, 1944, Inclusive
Rates per Thousand per Annum



SECRET

SECRET

JUDICAL EVACUATIONS BY CAUSE - SWPA TO UNITED STATES
Absolute Numbers and Rates per Thousand per Annum ***

MEAN STRENGTH	191366			410308			654002			710119			763783			765532*		
	Year 1943			1st Six Mo. 1944			3rd Quarter 1944			October			November			December		
CAUSE OF EVACUATION	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%
ASTHMA	493	2.58	5.94	365	1.78	5.15	400	2.45	4.90	141	2.38	5.20	175	2.75	3.93	224	3.51	2.43
ASTHMA IMPROVISH.	480	2.51	5.79	358	1.74	5.05	330	2.02	4.04	80	1.35	2.94	109	1.70	2.45	160	2.50	1.74
CARDIO-VASCULAR	31	0.16	0.37	49	0.69	0.69	46	0.28	0.41	0.41	0.19	0.27	25	0.39	0.27			
DEFLAT. OR HYPERTENSION	215	1.12	2.59	177	0.86	2.49	107	0.65	1.31	36	0.61	1.32	61	0.96	1.37	89	1.39	0.97
DEFORTITY (NON-VENTRAL)	401	2.10	4.83	437	2.13	6.16	212	1.30	2.60	62	1.05	2.28	81	1.27	1.82	190	2.97	2.06
DEFORTITY VENTRAL	236	1.23	2.85	557	2.71	7.85	1675	10.24	20.52	500	8.44	18.41	1010	15.87	22.63	1960	30.68	21.27
DIABETES	38	0.20	0.46	14	0.07	0.20	17	0.10	0.21	2	0.03	0.07	8	0.13	0.19	0.06	0.04	
PEPTIC ULCER	286	1.49	3.45	120	0.58	1.69	179	1.09	2.19	47	0.79	1.73	63	0.99	1.41	114	1.78	1.24
FILARIASIS	38	0.20	0.46	33	0.16	0.47	4	0.02	0.05	-	-	-	2	0.03	0.05	3	0.05	0.03
MALARIA AND SEQUELAE	108	0.56	1.30	15	0.07	0.21	16	0.10	0.19	4	0.07	0.15	9	0.14	0.20	8	0.13	0.09
TIFFUS AND SEQUELAE	17	0.09	0.20	25	0.12	0.35	88	0.54	1.08	19	0.32	0.70	56	0.88	1.26	118	1.85	1.28
TUBERCULOSIS	97	0.51	1.17	95	0.46	1.34	94	0.57	1.15	29	0.49	1.01	51	0.81	1.44	64	1.00	0.70
NEUROSYNTHITIS	44	0.23	0.53	25	0.12	0.35	17	0.10	0.20	6	0.10	0.22	10	0.16	0.22	10	0.16	0.11
OTHER	9	0.05	0.11	3	0.01	0.04	2	0.01	0.02	2	0.03	0.07	-	-	-	3	0.05	0.03
VENereal																		
BATTLE CASUALTY	551	2.88	6.64	344	1.68	4.85	907	5.55	11.11	168	2.84	6.18	378	5.94	8.47	639	10.00	6.93
NON-BATTLE INJURY AND SEQUELAE	862	4.50	10.39	1366	6.66	19.26	1097	6.71	13.44	356	6.02	13.10	492	7.73	11.03	1146	17.94	12.43
PSYCHOSES, ALL CONSTITUTIONAL	751	3.92	9.05	696	3.39	9.81	835	5.11	10.23	323	5.63	12.25	436	6.85	9.77	1025	16.05	11.12
PSYCHOSES, ALL PSYCHOPATHIC STATES	70	0.37	0.84	3	0.01	0.04	1	0.01	0.01	6	0.10	0.22	1	0.02	0.02	-	-	-
MENTAL DEFICIENCY	48	0.25	0.58	1	0.004	0.01	5	0.03	0.06	1	0.02	0.04	-	-	-	-	-	-
PSYCHO-																		
NEUROSES, ALL	2303	12.03	27.77	1370	6.68	19.31	862	5.27	10.56	369	6.24	13.57	815	12.80	18.26	1768	27.68	19.18
EPILEPSY	101	0.53	1.22	99	0.48	1.40	103	0.63	1.26	27	0.46	0.99	43	0.68	0.96	49	0.77	0.53
ORGANIC NEUROLOGICAL	122	0.64	1.47	137	0.67	1.93	211	1.29	2.58	85	1.44	3.13	101	1.59	2.27	196	3.07	2.13
OTHER CONDITIONS																		
ALL	934	4.88	11.26	766	3.73	10.80	967	5.91	2.58	405	6.84	14.90	512	8.04	11.47	1392	21.79	15.10
TOTAL																		
	8294	43.34	100.00	794	34.58	100.00	8159	47.89	11.85	2718	45.93	100.00	4461	70.10	100.00	9218	144.31	100.00

*Strength based on abbreviated statistical report.

**836 boards received too late to classify and were included in other conditions; all.

***Subject to changes upon receipt of late reports.

MRP ¹⁰
SECRET

SECRETSTATUS OF HOSPITAL BEDS, SWPA

a. Summary

Hospital Beds in Theater			
Command	* Fixed	* Non-Fixed	Total
Services of Supply	33150 (b)	3425 (b)	36575
Sixth Army	8650 (a)	4625 (b)	13275
Eighth Army	5800 (a)	1825 (b)	7625
Replacement Command	250 (a)		250
Far East Air Force	50 (a)	150 (a)	200
Total, SWPA	147900	10025	57925

(a) Attached.

(b) Assigned.

b. Fixed Hospital Beds by Areas.

Area	Staging	Under Orders Out of Base	Con- struc- ting	T/O Oper- ating	Beds Occu- pied	% of Operating T/O Beds Occupied	Under Orders Into Base
USASOS Bases.							
2				100	137	137.0	
3	150	400		1000	630	63.0	
A		1650		1500	663	44.2	
B				2500	820	32.8	
E				3250	403	12.4	
F		2000		5250	3290	62.7	
G		400		6000	6015	100.3	150
H				4750	6238	131.3	
K	1200	750	902	7748	6260	80.8	800
SHIPS				200			
Total	1350	5200	902	32298	21456	75.7	950

Far East Air Force.

Darwin				50	61	122.0	
--------	--	--	--	----	----	-------	--

Army Supply Points.

NEW BRITAIN							
MANUS	250	750		250	128	51.2	
NOEMFOOR				500	115	23.0	
SANSAPOR				400	210	52.5	
MOROTAI				750	518	69.1	
BOUGANVILLE				400	**117	29.3	
MINDORO				650	715	110.0	750
Luzon			750	3400	2157	63.4	4250
Total	250	750	750	6350	3960	62.4	5000
Total, SWPA	1600	5950	1652	38698	28477	73.6	5950

* As defined in AR 40-1080, C 2, Par. 36, "Hospitalization".

** Reported as of 27 January 1945.

SECRET

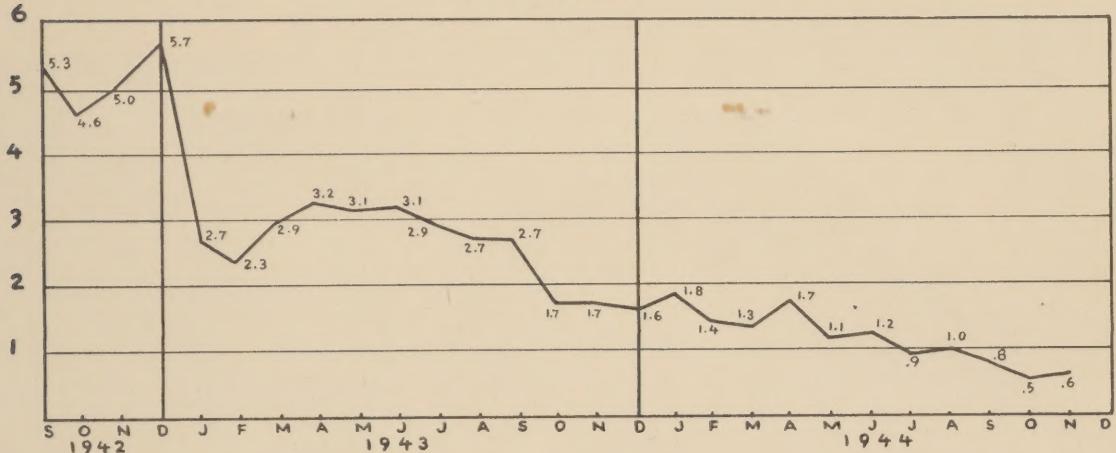
As of: 3 Feb. 1945

WMD 86ab

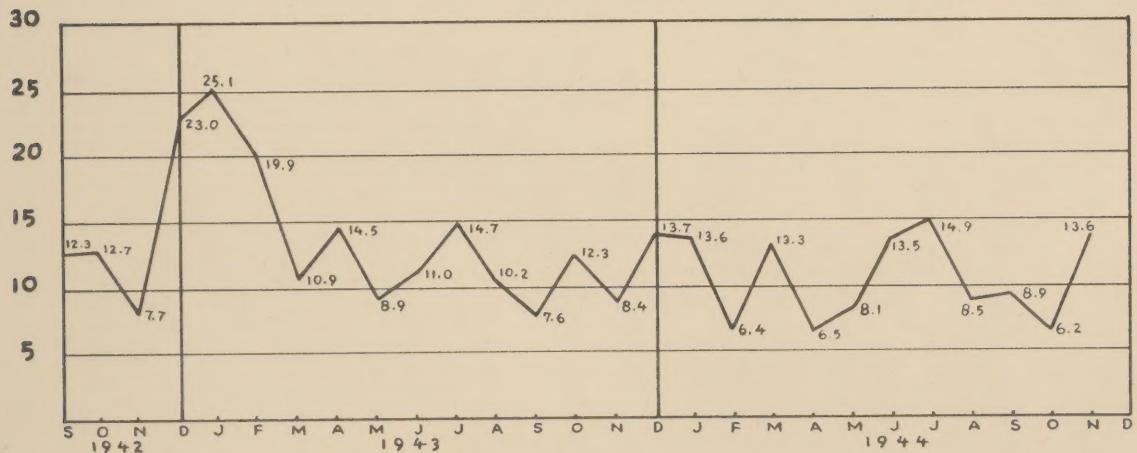
SECRET

DENTAL INFECTION AND INJURY ADMISSIONS PER THOUSAND
OR HUNDRED THOUSAND MEN PER MONTH IN THE SWPA

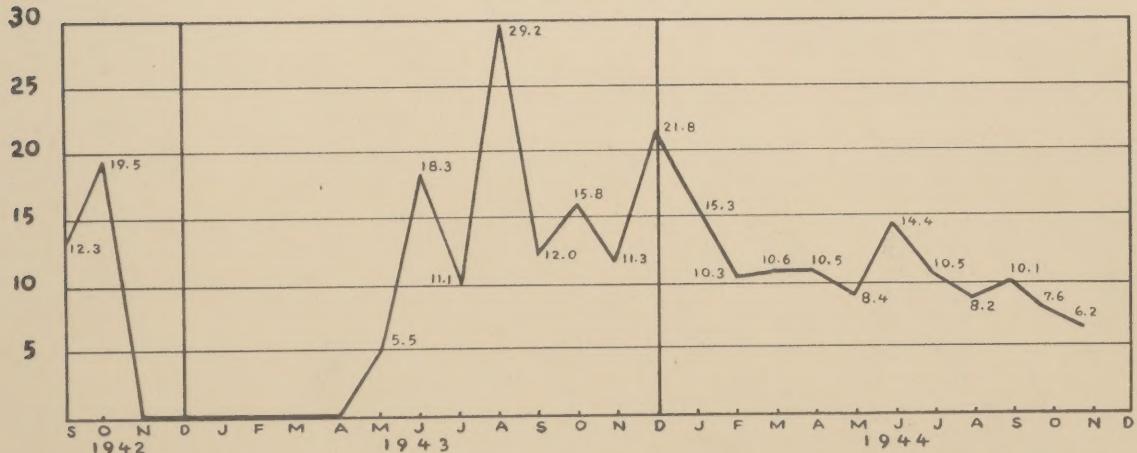
VINCENT'S STOMATITIS
RATES PER 1,000



FRACTURED JAWS
RATES PER 100,000



CELLULITIS
RATES PER 100,000



SECRET

RECEIVED

NATIONAL LIBRARY OF MEDICINE



NLM 04034375 7